

Product Datasheet

GC1111 - Lactose, anhydrous, Ph. Eur., USP grade

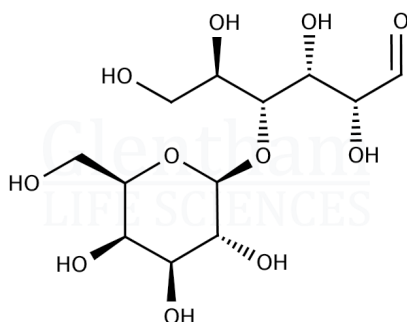
Not classified as dangerous for transport.

Product Details

Product Name	Lactose, anhydrous, Ph. Eur., USP grade
Glentham Code	GC1111
CAS Number	63-42-3
EINECS	200-559-2
MDL Number	MFCD00151251
Additional CAS	64044-51-5
Additional CAS	10039-26-6
Additional CAS	14641-93-1
Additional CAS	5989-81-1
Related Categories	Carbohydrates, Raw Materials (IVD), Oligosaccharides

Structure

Molecular Weight : 342.30
Molecular Formula : C₁₂H₂₂O₁₁



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.

Glentham Product Specification

Physical Description	: White or almost white crystalline powder
Identification	: According to Ph. Eur., USP
Solubility (10% in water)	: Clear, colourless solution (boiling water)
Acidity or Alkalinity	: ≤ 0.4ml (of 0.1M NaOH)
Specific Optical Rotation	: +54.4 - +55.9 ° (anhydrous substance)
Absorbance	: ≤ 0.04 (400nm) : ≤ 0.07 (270 - 300 nm) : ≤ 0.25 (210 - 220 nm)
Heavy Metals	: ≤ 5ppm
Water	: ≤ 1.0%
Loss on Drying	: ≤ 0.5%
Residue on Ignition	: ≤ 0.1%
Total Aerobic Microbial Count	: ≤ 100CFU/g
Total Combined Yeast and Mould Count	: ≤ 50CFU/g
E. Coli	: Absent in 10g
Salmonella	: Absent in 10g
alpha-Lactose	: Reported
beta-Lactose	: Reported
Content (GC)	: ≥ 99.5% (alpha + beta)
Pharmacopoeia Specification(s)	: Conforms to Ph. Eur., USP
Version	: v1.0

About Lactose, anhydrous, Ph. Eur., USP grade

No further details on record.

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